

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.

Application Serial Number: 09/893, 878 A

Source: IFW/16

Date Processed by STIC: 12-6-64

ENTERED



IFW16

RAW SEQUENCE LISTING

DATE: 12/06/2004

PATENT APPLICATION: US/09/893,878A

TIME: 14:57:43

Input Set : D:\DO617.70002US10 seq.txt

Output Set: N:\CRF4\12062004\I893878A.raw

3 <110> APPLICANT: Ladner, Robert Charles
 4 Guterman, Sonia Kosow
 5 Roberts, Bruce Lindsay
 6 Markland, William
 7 Arthur, Ley Charles
 8 Rachel, Kent Baribault

10 <120> TITLE OF INVENTION: DIRECTED EVOLUTION OF NOVEL BINDING PROTEINS
 12 <130> FILE REFERENCE: D0617.70002US10
 14 <140> CURRENT APPLICATION NUMBER: 09/893,878A
 15 <141> CURRENT FILING DATE: 2001-06-29
 17 <150> PRIOR APPLICATION NUMBER: 08/993,776
 18 <151> PRIOR FILING DATE: 1997-12-18
 20 <150> PRIOR APPLICATION NUMBER: 08/415,922
 21 <151> PRIOR FILING DATE: 1995-04-03
 23 <150> PRIOR APPLICATION NUMBER: 08/009,319
 24 <151> PRIOR FILING DATE: 1993-01-26
 26 <150> PRIOR APPLICATION NUMBER: 07/664,989
 27 <151> PRIOR FILING DATE: 1991-03-01
 29 <150> PRIOR APPLICATION NUMBER: 07/487,063
 30 <151> PRIOR FILING DATE: 1990-03-02
 32 <150> PRIOR APPLICATION NUMBER: 07/240,160
 33 <151> PRIOR FILING DATE: 1988-09-02
 35 <160> NUMBER OF SEQ ID NOS: 261
 37 <170> SOFTWARE: PatentIn version 3.3
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 41 <212> TYPE: PRT
 42 <213> ORGANISM: Artificial sequence
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 45 <223> OTHER INFORMATION: synthetic peptide
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 51 <223> OTHER INFORMATION: where xaa can be any naturally occurring amino acid
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 55 <222> LOCATION: (4)..(5)
 56 <223> OTHER INFORMATION: where xaa can be any naturally occurring amino acid
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 61 <223> OTHER INFORMATION: where xaa can be any naturally occurring amino acid
 63 <220> FEATURE:

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Input Set : D:\DO617.70002US10 seq.txt

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Input Set : D:\DO617.70002US10 seq.txt

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Input Set : D:\DO617.70002US10 seq.txt

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W--> 198 Phe Xaa Cys Xaa Xaa Xaa Cys Xaa Xaa Xaa Phe Xaa Xaa Xaa Xaa Xaa
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      203          20          25
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262 <212> TYPE: PRT
263 <213> ORGANISM: Artificial sequence
265 <220> FEATURE:
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TIME: 14:57:43

Input Set : D:\DO617.70002US10 seq.txt

Output Set: N:\CRF4\12062004\I893878A.raw

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333 <220> FEATURE:
334 <221> NAME/KEY: MISC_FEATURE

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RAW SEQUENCE LISTING ERROR SUMMARY
 PATENT APPLICATION: US/09/893,878A

DATE: 12/06/2004
 TIME: 14:57:44

Input Set : D:\DO617.70002US10 seq.txt
 Output Set: N:\CRF4\12062004\I893878A.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

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 Seq#:2; Xaa Pos. ~~2,4,5,7,8,9,11,12,13,14,15,17,18,20,21,22,24,25,26,27,28~~
 Seq#:3; Xaa Pos. ~~2,4,5,6,8,9,10,12,13,14,15,16,18,19,21,22,23,25,26,27,28~~
 Seq#:3; Xaa Pos. ~~29~~
 Seq#:4; Xaa Pos. ~~2,4,5,6,8,9,10,12,13,14,15,16,18,19,21,22,23,25,26,27,28~~
 Seq#:4; Xaa Pos. ~~29~~
 Seq#:5; Xaa Pos. ~~2,4,5,6,7,9,10,11,13,14,15,16,17,19,20,22,23,24,26,27,28~~
 Seq#:5; Xaa Pos. ~~29,30~~
 Seq#:6; Xaa Pos. ~~2,4,5,6,7,9,10,11,13,14,15,16,17,19,20,22,23,24,26,27,28~~
 Seq#:6; Xaa Pos. ~~29,30~~
 Seq#:7; Xaa Pos. 1,3,4,5,6,8
 Seq#:8; Xaa Pos. 3,5,6,7,8,10
 Seq#:19; Xaa Pos. 1,2,4,5,6,7,9,10
 Seq#:20; Xaa Pos. 1,4,5,6,8,9,10,11,12
 Seq#:21; Xaa Pos. 1,2,5,6,7,9,10,11,12,13
 Seq#:22; Xaa Pos. 1,4,5,6,8,9,10,11,12,14
 Seq#:23; Xaa Pos. 1,2,5,6,7,9,10,11,12,13,15
 Seq#:24; Xaa Pos. 1,4,5,6,8,9,10,11,12,14,15
 Seq#:25; Xaa Pos. 1,2,5,6,7,9,10,11,12,13,15,16
 Seq#:26; Xaa Pos. 1,4,5,6,8,9,10,11,12,14,15,16
 Seq#:27; Xaa Pos. 1,2,5,6,7,9,10,11,12,13,15,16,17
 Seq#:28; Xaa Pos. 1,4,5,6,8,9,10,11,12,14,15,16,17
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RAW SEQUENCE LISTING ERROR SUMMARY DATE: 12/06/2004
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Input Set : D:\DO617.70002US10 seq.txt
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Seq#:172; N Pos. 22,23,24,28,29,30,52,53,54,58,59,60
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Seq#:178; N Pos. 19,20,21
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Seq#:183; Xaa Pos. 4,6,12,16,22,24,27,29
Seq#:184; N Pos. 18,19,24,25,42,43,44,55,56
Seq#:185; N Pos. 31,32,33,37,38,39,46,48,54
Seq#:191; Xaa Pos. 132,133,134
Seq#:193; N Pos. 4,5,6,7,8,9,10
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Seq#:240; Xaa Pos. 128,129,130
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VERIFICATION SUMMARY

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Input Set : D:\DO617.70002US10 seq.txt

Output Set: N:\CRF4\12062004\I893878A.raw

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L:162 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:3
L:167 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:3
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L:1184 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35 after pos.:16
L:1219 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36 after pos.:0
L:1223 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36 after pos.:16
L:1258 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37 after pos.:0

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1301 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38 after pos.:16
1336 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39 after pos.:0
1340 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39 after pos.:16
1360 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40 after pos.:0
1379 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:41 after pos.:0
1404 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42 after pos.:0
2496 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:88 after pos.:0
2779 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:107 after pos.:0
3151 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:129 after pos.:0
3251 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:130 after pos.:0
3385 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:131 after pos.:0
3463 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:133 after pos.:0
3561 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:134 after pos.:0
3695 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:135 after pos.:0
3917 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:151 after pos.:0
4000 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:153 after pos.:128
4046 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:155 after pos.:0
4392 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:170 after pos.:0
4394 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:170 after pos.:60
4452 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:171 after pos.:0
4456 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:171 after pos.:16
4460 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:171 after pos.:32
4542 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:172 after pos.:0
4595 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:173 after pos.:0
4597 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:173 after pos.:60
4760 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:176 after pos.:0
4762 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:176 after pos.:60
4764 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:176 after pos.:120
4825 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:177 after pos.:0
4829 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:177 after pos.:16
4833 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:177 after pos.:32
4864 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:178 after pos.:0
4980 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:179 after pos.:0
4982 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:179 after pos.:60
5133 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:182 after pos.:0
5135 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:182 after pos.:60
5203 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:183 after pos.:0
5207 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:183 after pos.:16
5272 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:184 after pos.:0
5340 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:185 after pos.:0
5535 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:191 after pos.:128
5584 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:193 after pos.:0
6323 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:235 after pos.:64
6452 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:240 after pos.:112
6456 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:240 after pos.:128
6638 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:243 after pos.:480